|          | Index of Claims  |          |          |          |               |          |         |    |              |                              |         |            | Application No. |                  |           |           |             |           |              |             |           |              |          | Applicant(s) |               |            |          |           |          |           |          |          |           |          |           |   |
|----------|--|----------|----------|----------|---------------|----------|---------|----|--------------|------------------------------|---------|------------|-----------------|------------------|-----------|-----------|-------------|-----------|--------------|-------------|-----------|--------------|----------|--------------|---------------|------------|----------|-----------|----------|-----------|----------|----------|-----------|----------|-----------|---|
|          | ( ) TREAT (TO A) COMIN DE ANNO LINNE LINNE ATRACE ATTRE TITL LINNE |          |          |          |               |          |         |    |              |                              |         |            |                 | 10/028,453       |           |           |             |           |              |             |           |              |          |              | D'ARCY ET AL. |            |          |           |          |           |          |          |           |          |           |   |
|          |  |          |          |          |               |          |         |    |              |                              |         |            |                 | Examiner         |           |           |             |           |              |             |           |              |          |              | Art Unit      |            |          |           |          |           |          |          |           |          |           |   |
|          |  |          |          |          |               |          |         |    |              |                              |         |            |                 | Joseph D. Torres |           |           |             |           |              |             |           |              |          |              |               |            |          |           |          |           |          |          |           |          |           |   |
|          |  |          |          |          |               |          |         |    |              |                              |         |            |                 |                  | J         | ose       | pn          | טו        | . Torres     |             |           |              |          |              | 2133          |            |          |           |          |           | 丄        |          | -         |          |           |   |
|          |  |          |          |          |               |          |         |    |              |                              |         |            |                 |                  | •••       | $\neg$    | ſ           | _         | <del>г</del> |             |           |              | _        | ŀ            | $\Box$        |            |          |           |          |           | $\neg$   | į        |           |          |           |   |
|          | √ Rejected   |          |          |          |               |          |         |    | -            | (Through numera<br>Cancelled |         |            |                 |                  |           | ai)       |             | N         | Non-Elec     |             | cte       | ed           | <b>s</b> |              | Appeal        |            |          |           |          |           |          |          |           |          |           |   |
|          | <del></del>  |          |          |          |               | 4        |         | -  | +-           |                              |         |            |                 |                  |           | $\dashv$  | ŀ           |           |              |             |           |              |          |              |               |            | _        | _         |          |           |          |          |           |          |           |   |
|          | = Allowed  |          |          |          |               |          |         |    | -            | <b>-</b>                     |         | Restricted |                 |                  |           |           | -           |           | ı            | In          | ter       | fer          | en       | Се           |               | o          |          | OI        | oje      | cte       | d        |          |           |          |           |   |
|          |  |          |          |          |               |          |         |    |              | L                            |         |            |                 |                  |           |           |             | ل         | Į            | لـــ        |           |              |          |              |               |            | Ш        | _         |          | _         |          |          |           |          |           |   |
|          | Claim  |          |          |          | Date          |          |         |    |              |                              |         | 1          | Claim           |                  |           | C         |             | ate       | ,            |             |           |              | Claim    | im           | Γ             | Date       |          |           |          |           |          | $\neg$   | 1         |          |           |   |
|          | .   7  | ,        | 7728/04  | 7        |               | Τ        | Τ       | Τ  | Т            | Т                            | T       | 1          |                 |                  | П         |           | $\Box$      | П         | T            | $\neg$      |           | П            |          | ľ            | Ĩ             |            | П        |           |          |           |          |          |           |          |           | • |
| i i      |  |          | 윎        | 1/2      |               |          |         | ı  |              | 1                            |         |            | Final           | Original         | H         | ĺ         |             | ı         |              |             | -         |              |          |              | Final         | Original   |          |           |          |           |          |          |           |          |           |   |
| "        | 5   ٦  | 5        | ۶        | 1        | 1             | 1        |         | ı  |              | ١                            |         | l          | "               | ō                | Н         |           | ı           |           |              |             | -         |              | -        |              | ۳ ا           | δ          |          |           |          |           |          |          |           |          |           |   |
|          |  | _        | <b>√</b> | V        | Ξ             |          | I       | I  | Ţ            |                              |         | 1          |                 | 51               |           |           |             | ╛         |              |             | $\exists$ | $\exists$    |          | t            |               | 101        |          |           |          |           | П        | _        | H         | $\dashv$ |           |   |
| -        | 3  |          | 4        | +        | =             | -        | ╀       | +  | +            | +                            | +       | 1          | <u> </u>        | 52               | H         |           | 4           | 4         | 4            | _           | 1         |              | 4        | F            | _             | 102        |          | $\Box$    |          | $\Box$    |          |          |           |          |           |   |
|          | 1  | _        | Н        | +        | ╘             | +        | ╁       | ╁  | ╁            | ╁                            | ╁       | ł          |                 | 53<br>54         | Н         | $\dashv$  | ᆉ           | ┥         | $\dashv$     | $\dashv$    | -         | +            | ┥        | ŀ            | $\dashv$      | 103<br>104 | Н        |           | $\dashv$ | $\dashv$  | $\vdash$ | _        | Н         | $\dashv$ | _         |   |
|          |  |          | П        | 1        | 2             |          | I       | I  | 1            | I                            | 土       | 1          |                 | 55               |           |           |             |           |              |             | $\exists$ | 士            | <b>J</b> | t            |               | 105        |          | 寸         | $\dashv$ | 寸         | $\dashv$ | _        | H         | $\dashv$ | $\dashv$  |   |
| -        | 1 7  |          | Н        | 4        |               | 1        | ╀       | Ļ  | -            | 1                            | $\perp$ |            |                 | 56               | П         | 4         | $\exists$   | $\Box$    | 4            | $\Box$      | $\Box$    | ightharpoons |          |              |               | 106        |          | $\Box$    |          |           |          |          |           |          |           |   |
|          | + 6  | _        | ₩        | +        | 1             |          | ╀       | ╁  | ╀            | +                            | +-      | ┨          |                 | 57<br>58         | H         | $\dashv$  | $\dashv$    | ┥         | $\dashv$     | ᅱ           | +         | +            | $\dashv$ | ŀ            | -             | 107<br>108 | Н        | -         | $\dashv$ | $\dashv$  | $\dashv$ |          | $\dashv$  |          | $\dashv$  |   |
|          | 9  |          | 11       | 1        | 1             | L        | $\perp$ | t  | T            | $\dagger$                    | +       | 1          |                 | 59               | H         | ┪         | ┪           | $\dashv$  | ┪            | ┪           | $\dashv$  | +            | ᅱ        | ŀ            |               | 109        | Н        | ᅥ         | $\dashv$ | ┪         | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$  |   |
|          | 10   |          | Ц        | Į        | =             | I        | I       | Į. | Ļ            | Ţ                            | I       | 1          |                 | 60               | $\Box$    |           |             | $\Box$    | $\Box$       |             | 1         | 1            | コ        |              |               | 110        |          |           |          |           |          |          |           |          |           | 1 |
| -        | 1:   |          | Н        | ╀        | 15            |          | ╀       | ╀  | ╀            | +                            |         | ł          |                 | 61<br>62         | H         | -         | 4           | 4         | 4            | 4           | 4         | 4            | 4        | -            |               | 111        | $\sqcup$ | 4         | 4        | 4         | $\dashv$ |          |           | $\dashv$ |           | 1 |
|          | 1  |          | H        | 十        |               |          | ╁       | ╁  | +            | +                            | +       | ·          | <u> </u>        | 63               | H         | $\dashv$  | -           | +         | ᅱ            | ┪           | $\dashv$  | $\dashv$     | -        | ŀ            |               | 112<br>113 | Н        | -         | -        | $\dashv$  | $\dashv$ |          | $\dashv$  | $\dashv$ | $\dashv$  |   |
|          | 1  | 4        | 7]       | L        |               |          | I       | 1  | I            | 1                            |         | 1          |                 | 64               |           | ╛         |             | コ         |              |             |           | 士            | _        | t            |               | 114        | $\Box$   | ┪         | ┪        | 7         | -        | -        | $\dashv$  | $\dashv$ | $\dashv$  | l |
| <u> </u> | 1:   |          | ╢        | Ļ        | 11 16         | -        | ╀       | ╀  | ╀            | +                            | 4       | l          | <u> </u>        | 65               | $\vdash$  | 4         | 4           | 4         | 4            | 4           | 4         | 4            | 7        |              |               | 115        |          | $\Box$    |          | $\Box$    |          |          |           | $\Box$   |           | 1 |
| -        | 1  |          | H        | 十        | É             |          | ╁       | ╁  | ╁            | ╁                            | +       | ł          | ├─              | 66<br>67         | Н         | +         | -           | -         | -+           | +           | ┪         | +            | -        | ŀ            | -             | 116<br>117 | $\vdash$ | $\dashv$  |          | 4         | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$  |   |
|          | 1  |          | П        | 1        |               |          | I       | I  | I            | I                            |         | 1          |                 | 68               |           |           |             |           |              |             |           | 1            | ゴ        | t            |               | 118        |          | 7         |          | 7         | $\dashv$ |          | $\dashv$  | $\dashv$ | $\dashv$  |   |
| <u> </u> | 2  |          | H        | +        | 100           | 1        | ╄       | ╀  | ╀            | +                            | ┿       |            | <u> </u>        | 69<br>70         | Н         |           | 4           | 4         | 4            | 4           | 4         | 4            | _        | Ĺ            | $\Box$        | 119        |          | $\Box$    | $\Box$   | $\Box$    |          |          |           | 口        |           |   |
|          | 12   |          | 기        | Í        | <del> </del>  | 1        | ╁       | ╁  | ╁            | +                            | ╁       | ł          | _               | 71               | H         | ᅱ         | -           | +         | +            | $\dashv$    | +         | +            | $\dashv$ | ╁            | $\dashv$      | 120<br>121 | $\vdash$ | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$  |   |
|          | 2  | 2        |          | _        |               |          | L       | I  | 上            | 土                            | 工       | 1          |                 | 72               |           |           |             | 寸         | ⇉            |             | İ         | 1            | ゴ        | t            | 二             | 122        | H        | 7         | 7        | ┪         | $\dashv$ | -        | $\dashv$  | $\dashv$ | $\dashv$  | } |
| <u> </u> | 2  |          | 4        |          | L             | ┡        | ╀       | ╄- | +            | +                            | ╄       |            |                 | 73               | $\sqcup$  | 4         | 4           |           | $\perp$      |             | 4         | $\Box$       | 7        | F            | $\Box$        | 123        | $\Box$   | $\Box$    | $\Box$   | $\Box$    |          |          |           | $\Box$   |           | Í |
| <u> </u> | 2  | <u>*</u> | $\dashv$ | -        | ┝             | ╁╴       | ╁       | ╁  | ╁            | +                            | ╁       |            | -               | 74<br>75         | ┝╌╁       | -         | $\dashv$    | $\dashv$  | $\dashv$     | $\dashv$    | +         | ╁            | $\dashv$ | ŀ            |               | 124<br>125 | $\vdash$ | -         | $\dashv$ | $\dashv$  | $\dashv$ | -        |           | -        | $\dashv$  | 1 |
|          | 20   | 5        |          |          |               |          | L       | T  | İ            |                              |         |            |                 | 76               |           | ┪         | 7           | ┪         | 7            | 7           | $\dashv$  | 7            | ┪        | ┢            | ᅥ             | 126        | H        | 7         | +        | ᅥ         | $\dashv$ | $\dashv$ |           | $\dashv$ | $\dashv$  | ļ |
| <b> </b> | 2  |          | 4        | _        | L             |          | Ļ       | ╀  | 1            | $\bot$                       | 1_      |            |                 | 77               |           | :         | $\exists$   | $\exists$ | $\exists$    | _           | $\Box$    | $\Box$       |          | F            |               | 127        |          | ]         | $\Box$   |           |          |          |           |          |           | į |
| -        | 2  | 升        | -        | _        | ┝             | ╀        | ╁╴      | ╁  | ╁            | ╁                            | ┿       | l          | _               | 78<br>79         | -         | $\dashv$  | $\dashv$    | ┥         | $\dashv$     | $\dashv$    | $\dashv$  | +            | -[       | ŀ            |               | 128<br>129 | Н        | 4         |          | ᅱ         | _        | 4        | $\dashv$  | -        | $\dashv$  | l |
|          | 3  | 5        |          |          |               |          | T       | T  | $^{\dagger}$ | İ                            |         |            |                 | 80               |           | $\exists$ | _           |           | 1            | $\forall$   | $\dashv$  | +            | ┪        | 十            | -             | 130        |          | $\forall$ | $\dashv$ | ┪         | $\dashv$ | -        | $\dashv$  | $\dashv$ | ᅱ         |   |
|          | 3  |          | 4        |          |               | L        | L       | L  | Ļ            | T                            | $\bot$  |            |                 | 81               | $\Box$    |           | $\sqsupset$ | $\Box$    | $\supset$    | $\Box$      | ŀ         | 1            |          | F            |               | 131        |          |           |          |           |          |          |           | $\Box$   | コ         | • |
| <u> </u> | 3:   |          | ┪        | -        | ┝             | ┝        | ╁       | ╁  | ╁            | +                            | ╁       |            |                 | 82<br>83         | $\dashv$  | ┥         | ┥           | +         | ┥            | ┥           | +         | +            | -        | ┝            | $\dashv$      | 132<br>133 | $\dashv$ | 4         | 4        | 4         | $\dashv$ |          | -         | 4        | _         | I |
|          | 3  | 1        | 1        |          | -             | 1        | t       | T  | T            | ╁                            | +       |            | _               | 84               | $\vdash$  | 7         | 7           | 7         | 7            | ┪           | $\dagger$ | †            | 1        | H            | $\dashv$      | 134        | -        | +         | ᅥ        | ┥         | -        | -        | $\dashv$  | $\dashv$ | ᅱ         |   |
| [        | 3  |          |          |          | $\sqsubseteq$ | L        | L       | I  | Ţ            | Ţ                            | $\perp$ |            |                 | 85               | $\Box$    | $\Box$    | $\Box$      | I         | $\exists$    | $\Box$      |           | 1            |          | L            |               | 135        |          |           | コ        |           |          |          |           |          |           |   |
| }-       | 3  |          | $\dashv$ | _        | -             | -        | ╀       | ╀  | ╀            | ╀                            | +       |            |                 | 86<br>87         | $\dashv$  | $\dashv$  | +           | $\dashv$  | $\dashv$     | 4           | +         | +            | 4        | ┝            |               | 136<br>137 | $\dashv$ | 4         | 4        | 4         | 4        | _        | $\Box$    | $\dashv$ | $\exists$ |   |
|          | 3  |          | 7        |          | H             | t        | t       | t  | †            | $^{+}$                       | +       |            |                 | 88               | $\dashv$  | +         | +           | +         | +            | ┪           | ╅         | ╅            | ┥        | H            | ᅱ             | 138        | $\dashv$ | ┪         | $\dashv$ | 4         | $\dashv$ | ᅥ        | -1        | $\dashv$ | $\dashv$  |   |
| 匚        | 39   |          | $\Box$   | ·        |               |          |         | Ι  | I            | T                            |         | ١.         |                 | 89               | $\Box$    | $\Box$    | $\Box$      | $\Box$    | $\sqsupset$  | $\sqsupset$ | 1         | I            | _        |              |               | 139        |          | 士         |          | I         | ╛        |          |           | 7        | ᅥ         |   |
|          | 41   |          | +        |          |               | -        | ╀       | ╀  | ╀            | ╁                            | +       |            |                 | 90<br>91         | +         | 4         | 4           | 4         | 4            | 4           | +         | 4            | 4        | ŀ            |               | 140        | $\dashv$ | 4         | 4        | 4         | $\Box$   |          | $\Box$    | $\Box$   | $\Box$    |   |
| <u> </u> | 42   |          | +        |          |               | ┢        | ╁       | 十  | ╁            | 十                            | +       |            | -               | 92               | $\dashv$  | $\dashv$  | ┪           | $\dashv$  | +            | +           | +         | +            | $\dashv$ | ╟            |               | 141        | -        | +         | $\dashv$ | ┥         | ┥        | $\dashv$ | -         | $\dashv$ | ᅱ         |   |
| ·        | 4:   | 3        | 7        |          |               |          |         | L  | I            | Ţ                            |         |            |                 | 93               | コ         | コ         | コ           | $\dashv$  | コ            | コ           | $\perp$   | 1            | ╛        |              |               | 143        |          | 士         | 士        | ╛         | 士        |          | $\exists$ | _        | $\dashv$  |   |
| <u> </u> | 4:   |          | 4        | 4        | -             | -        | ╀       | ╀  | ╀            | ╀                            | ╁┤      | H          | -               | 94<br>95         | $\dashv$  | +         | +           | +         | 4            | -+          | +         | +            | 4        | L            |               | 144        | $\dashv$ | 4         | 4        | 4         | $\dashv$ | $\Box$   | $\exists$ | J        | $\Box$    |   |
|          | 46   |          | t        |          | Ŀ             |          |         | İ  | İ            | 士                            | $\perp$ |            |                 | 96               | $\exists$ | +         | +           | +         | _            | +           | +         | 十            | $\dashv$ | H            |               | 145<br>146 | $\dashv$ | +         | $\dashv$ | $\dashv$  | +        | -        | $\dashv$  | +        | $\dashv$  |   |
|          | 47   |          | 1        | $\Box$   | Ľ             | F        | L       | F  | F            | Ŧ                            | П       |            |                 | 97               | $\Box$    | J         | 1           | 7         | 1            | $\exists$   | I         | 1            |          |              |               | 147        | コ        | 1         | 士        | $\exists$ | 士        |          | J         | 士        | $\exists$ |   |
| <b> </b> | 45   |          | +        | $\dashv$ | -             | $\vdash$ | ⊢       | +  | ╁╴           | ╁                            | +       |            |                 | 98<br>99         | $\dashv$  | +         | +           | +         | +            | +           | +         | +            | -        | -            |               | 148<br>149 | $\dashv$ | 4         | 4        | 4         | 4        | 4        | $\dashv$  | J        | コ         |   |
|          | 50   |          | 1        |          | _             |          |         | L  | İ            | $^{\dagger}$                 | $\Box$  |            |                 | 100              | _         | _         | +           | +         | 十            | +           | +         | +            | $\dashv$ | $\vdash$     |               | 150        | $\dashv$ | +         | $\dashv$ | +         | $\dashv$ | +        | +         | +        | ᅱ         |   |